Town of Cary Pump Station Inspection Sheet

Facility Name: Holly Brook PS
ID Number: 024
Inspection Date: 9/8/2011
Pump Drawdown: 2/8/2011

Pump One
Type: Submersible
Discharge Diameter: 6"
Control: Float / FVNR Starter
Motor Horsepower: 25
Pump RPM: 1750
Manufacturer: Myers
Model: 4VC
419-289-1144
Wetwell: 8' Diameter 6.33' Deep Vol: 2,400 gal
Condition: Good
Pump One: 131 gpm
Pump Two: 193 gpm
Firm Capacity: 131 gpm
Design Point (flow): 171 gpm
Design Point (pressure): 117 feet of water
Model: 4VC
419-289-1144

Pump Two
Type: Submersible
Discharge Diameter: 6"
Control: Float / FVNR Starter
Motor Horsepower: 25
Pump RPM: 1750
Manufacturer: Fairbanks Morse
Model: 5433MV 828-324-9705 913-371-5000
Rep: HD Supply
Grinder: None
Trash basket

Comments:
- trash basket, no grinder
- temporary generator
- 8' diameter wetwell; coating in fair conditoin
- pump guide top supports corroded (not significantly)
- aluminum trash rack and guide and hatches at wetwell are in good condition
- 10'x8' valve vault damp inside some ground water
- aluminum hatch and coating on valve vault in good condition
- odor control, Odophos, and two metering pumps inside precast building - not currently in use
- has carbon adsorption odor system
- modular precast building and containment wall inside building in good condition
- exterior slab on grade showing signs of settling and cracking
- expansion joint between slab and pump station/valve vault has no sealant and has vegetation growing in it
Holly Brook PS Pump 2 Pump Curve
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Odor Control

Chemical Building

Chemical Building

Chemical Building

Eye Wash

Basket